

Model 741 Temperature Controller

Description

The Model 741 Temperature Controller is a compact digital instrument designed to monitor and control heating process applications.

Application

This temperature controller can be connected to various heating equipment, such as thermal cups, PPAs, and HPHT Filter Press heating jackets.

Advantages

- Built-in 8 segment programmer and timer allow user to control temperature ramps (heat-up rate)
- Digital Display and Push Buttons to program and monitor temperature
- Lighted Heater ON/OFF switch to indicate when the unit is heating
- RS485 Data Port to collect temperature data
- Universal Thermocouple Jack
- Push Button Circuit Breaker to protect the electrical circuit and to reset if circuit is tripped
- AC Adapter Plug for international power use



Specifications

Part No.	Description
Temperature range	Ambient to 1200°F (649°C)
Thermocouple input	Type J
Universal thermocouple jack	Accepts both miniature and standard male thermocouple connectors
Input power	Universal input IEC AC power plug
Power consumption	100 to 240 V, 47-63 Hz, 14V A
Max load (resistive)	100 to 240 V, 47-63 Hz, 15 Amps
Dimensions WxDxH	12.0 x 6.0 x 6.0
Weight	6 lb (2.7 kg)



Ordering Information

Part No. 102157059 - Model 741 Temperature Controller
(includes part no. 102342715, AC Adapter Plug)